EDWARDS & ANGELL, LLP P. O. Box 9169 Boston, Massachusetts 02209

which is described and claimed in:

Rec'd PCT/PTO 31 MAR 2005

Docket No. 58142-PCT (45858)

10/530100

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed at 201) below or an original, first and joint inventor (if plural names are listed at 201-206 below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: METHODS AND MATERIALS FOR USING CHEMICAL COMPOUNDS AS A TOOL FOR USE AS A CHEMICAL TOOL OF NUCLEIC ACID STORAGE ON MEDIA OF NUCLEIC ACID PURIFICATION SYSTEMS

	[]	the specification attached hereto.
	[]	the specification in U.S. Application Serial Number, filed on
	[X]	the specification in PCT international application Number, PCT/US03/31483
filed o	on Octo	ber 3, 2003; and was amended on

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a). I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign/PCT Applications and Any Priority Claims Under 35 U.S.C. §119:						
Application No.	Filing Date	Country	Priority Claimed Under 35 U.S.C. §119?			
			[]YES[]NO			
			[]YES[]NO			
			[]YES[]NO			

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below, and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 CFR §1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

Prior U.S. Applica U.S.C. §120	ntions or PCT Int	ernational Applications Des	ignating the	U.S-Benefi	t Under 35
	U.S. Applicat	ions	Sta	tus (Check	One)
Application	Application Serial No. U.S. Filing Date			Pending	Abandoned
					·
PCT A	pplications Desig	nating the U.S.			
Application No.	Filing Date	U.S. Serial No. Assigned			
					

CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S) (35 U.S.C. §119(e))

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

Applicant	Provisional Application Number	Filing Date
Fomovsky et al.	60/416,356	October 4, 2002

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) with full powers of association, substitution and revocation to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

David G. Conlin	(Reg. No. 27,026) Chris	tine C. O'Day	(Reg. No. 38,256)	Peter J. Manso	(Reg. No. 32,264)
George W. Neuner	(Reg. No. 26,964) Lisa S	Swiszcz Hazzard	(Reg. No. 44,368)	Dianne M. Rees	(Reg. No. 45,281)
Linda M. Buckley	(Reg. No. 31,003) David	d A. Tucker	(Reg. No. 27,840)	John J. Penny, Jr.	(Reg. No. 36,984)
Peter F. Corless	(Reg. No. 33,860) Georg	ge W. Hartnell, III	(Reg. No. 42,639)	Howard M. Gitten	(Reg. No. 32,138)
Peter J. Manus	(Reg. No. 26,766) John	B. Alexander	(Reg. No. 48,399)	J. Mark Konieczny	(Reg. No. 47,715)
William J. Daley, Jr.	(Reg. No. 35,487) Jenni	fer K. Rosenfield	(Reg. No. 53,531)	Gregory B. Butler	(Reg. No. 34,558)
Robert L. Buchanan	(Reg. No. 40,927) Kathi	ryn A. Piffat	(Reg. No. 34,901)	Barry Kramer	(Reg. No. 20,622)
Steven J. Jensen	(Reg. No. 42,693) Richa	ard J. Roos	(Reg. No. 45,053)	Scott D. Wofsy	(Reg. No. 35,413)
George N. Chaclas	(Reg. No. 46,608) Richa	ard H. Newman	(Reg. No. 41,222)	Daniel F. Coughlin	(Reg. No. 36,111)
David J. Silvia	(Reg. No. 49,036) Maria	na I. Heusch	(Reg. No. 47,647)	Peter C. Lauro	(Reg. No. 32,360)
				Barbara Kitchell	(Reg. No. 33,928)

SEND CORRESPONDENCE TO:

Kathryn A. Piffat, Ph.D.

Edwards & Angell, LLP

P. O. Box 9169

Boston, Massachusetts 02209

DIRECT TELEPHONE CALLS TO:

Kathryn A. Piffat, Ph.D.

Tel: 617/439-4444



Rec'd PCT/PTO 31 MAR 2005 10/530146 Page 3

	FULL NAME OF	LAST NAME	FIRST NAME	MIDDLE NAME
1_	INVENTOR			l .
117		Smith_	<u>Martin</u>	COUNTRY OF CITIZENSHIP
2	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
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2	FULL NAME OF		FIRST NAME	MIDDLE NAME
0 2	INVENTOR	To a second seco	Calina	N.
1	}	<u>Fomovskaia</u>	Galina_	COUNTRY OF CITIZENSHIP
1	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	
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	INVENTOR	Fomovsky	Mikhail	A.
1/2	RESIDENCE &	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
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	POST OFFICE	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE
	ADDRESS	17 B New Street	Port Washington	NY 11050 (US)
┢	FULL NAME OF	LAST NAME	FIRST NAME	MIDDLE NAME
	INVENTOR			
2	RESIDENCE &	СПУ	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
0 4	CITIZENSHIP		STATE OR TOKE ON COOK IN T	000.000
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE
⊩	FULL NAME OF	LAST NAME	FIRST NAME	MIDDLE NAME
	INVENTOR			
	DEOLD STORY	Comp	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
2	RESIDENCE & CITIZENSHIP	СПУ	STATE OR FOREIGN COUNTRY	COUNTRY OF CHIZZENSHIP
5.				. <u> </u>
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE
	ADDIGESS			
\vdash	FULL NAME OF	LAST NAME	FIRST NAME	MIDDLE NAME
	INVENTOR			-
2	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
6		·		
	POST OFFICE	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE
	ADDRESS			
L				<u></u>

Rec'd PCT/PTO 31 MAR 2005 10/530149 Page 4

I hereby further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Signature of Inventor 201	Signature of Inventor 202
Date: 12/18/03	Date: 12/10/03
Signature of Inventor 203	Signature of Inventor 204
Date: 12.10.03	Date:
Signature of Inventor 205	Signature of Inventor 206
Date:	Date:

BOS2_350815.1

POWER OF ATTORNEY

(for an international application filed under the Patent Cooperation Treaty)
(PCT Rule 90.4)

The undersigned applicant(s) (Names should be indicated as they appear in the request): (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

Whatman Inc. 200 Wells Avenue Newton, MA 02459 United States of America

hereby appoints (appoint)	the follo	wing person as:	⊠ age	nt 🔲 cor	nmon representative	
David G. Conlin George W. Neuner Linda M. Buckley Peter J. Manus Peter F. Corless Peter J. Manso William J. Daley, Jr. Christine C. O'Day John J. Penny, Jr. J. Mark Konieczny Gregory B. Butler George N. Chaclas Daniel F. Coughlin David J. Silvia	Reg. No Reg. No	0. 27,026 0. 26,964 0. 31,003 0. 26,766 0. 33,860 0. 32,264 0. 35,487 0. 38,256 0. 36,984 0. 47,715 0. 34,558 0. 46,608 0. 36,111 0. 49,036	Robert I David A Lisa Sw John B. Steven Kathryn Dianne Howard Jennifer Barry Ki Scott D. Richard		Reg. No. 45,053 Reg. No. 40,927 Reg. No. 27,840 Reg. No. 44,368 Reg. No. 48,399 Reg. No. 42,693 Reg. No. 34,901 Reg. No. 32,138 Reg. No. 53,531 Reg. No. 20,622 Reg. No. 35,413 Reg. No. 41,222) Reg. No. 41,222) Reg. No. 42,639	
Of Edwards & Angell, LL 101 Federal Street Boston, MA 02110-1800	_	. 43,000	George	vv. Hartier, III	Neg. No. 42,035	
to represent the undersigned Authorities	ed before	•		all the competen	t International	
only				the International	Searching Authority	
				the International Authority only	Preliminary Examining	
in connection with the international application identified below:						
Title of the invention	ı :	COMPOUNDS A	AS A TO		NG CHEMICAL IC ACID STORAGE CATION SYSTEMS	
Applicant's or agent's file reference: 58142-PCT (45858)						

filed with the following Office U.S. Receiving Office as receiving Office and to make or receive payments on behalf of the undersigned.

International application number: PCT/US03/31483

POWER OF ATTORNEY

(for an international application filed under the Patent Cooperation Treaty)
(PCT Rule 90.4)

Continuation Sheet (Page 2 of 2)

Signature of the applicant(s) (where there are several applicants, each of them must sign; next to each signature, indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading the request or this power):

Whatman Inc.

Ву:	John Simmonds, Corporate Secretary	Date: day of	, 2003
Ву:	Martin A. Smith	Date: 17 day of Decemb	, 2003
By:	Galina N. Fomovskaia	Date: <u>///</u> day of	بے , 2003
Ву:	Mikhai A. Fomevsky	Date: <u>///</u> day of	? C , 2003

POWER OF ATTORNEY

(for an international application filed under the Patent Cooperation Treaty)
(PCT Rule 90.4)

The undersigned applicant(s) (Names should be indicated as they appear in the request): (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

Whatman Inc. 200 Wells Avenue Newton, MA 02459 United States of America

hereby appoints (appoint) the following person as:				🗖	
nereby appoints (appoint)	me tono	wing person as:	⊠ age	пі 📙 со	ommon representative
David G. Conlin George W. Neuner Linda M. Buckley Peter J. Manus Peter F. Corless Peter J. Manso William J. Daley, Jr. Christine C. O'Day John J. Penny, Jr. J. Mark Konieczny Gregory B. Butler George N. Chaclas Daniel F. Coughlin	Reg. No Reg. No	0. 27,026 0. 26,964 0. 31,003 0. 26,766 0. 33,860 0. 32,264 0. 35,487 0. 38,256 0. 36,984 0. 47,715 0. 34,558 0. 46,608	Robert I David A Lisa Sw John B. Steven Kathryn Dianne Howard Jennifer Barry Ki Scott D.		Reg. No. 45,053 Reg. No. 40,927 Reg. No. 27,840 Reg. No. 44,368 Reg. No. 48,399 Reg. No. 42,693 Reg. No. 34,901 Reg. No. 45,281 Reg. No. 32,138 Reg. No. 53,531 Reg. No. 53,531 Reg. No. 20,622 Reg. No. 35,413 Reg. No. 41,222)
David J. Silvia		. 49,036	George	W. Hartnell, III	Reg. No. 42,639
Of Edwards & Angell, LLI 101 Federal Street Boston, MA 02110-1800 to represent the undersigned Authorities				all the compete	nt International
only				the Internationa	al Searching Authority
omy				the Internationa Authority only	al Preliminary Examining
in connection with the inter	rnationa	l application identi	ified belo	w:	•
COMPOUNDS			S A TO	OL FOR NUCL	ING CHEMICAL EIC ACID STORAGE ICATION SYSTEMS
Applicant's or agent's file reference: 58142-PCT (45858)					

International application number: <u>PCT/US03/31483</u>

filed with the following Office U.S. Receiving Office as receiving Office and to make or receive payments on behalf of the undersigned.

POWER OF ATTORNEY

(for an international application filed under the Patent Cooperation Treaty).

(PCT Rule 90.4)

Continuation Sheet (Page 2 of 2)

Signature of the applicant(s) (where there are several applicants, each of them must sign; next to each signature, indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading the request or this power):

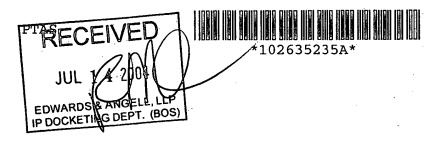
w nati	nan Inc.				
Ву:	John Simmonds, Corporate Secretary	Date:	day of	December	2003
Ву:	Martin A. Smith	Date:	day of _		2003
Ву:	Galina N. Fomovskaia	Date:	day of _		2003
By:	Mikhail A. Fomovsky	Date:	_ day of _	·•	2003

UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JULY 09, 2004

EDWARDS & ANGELL, LLP KATHRYN A. PIFFAT PO BOX 9169 BOSTON, MA 02209



UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THÎS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 12/24/2003

REEL/FRAME: 014829/0811

NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

FOMOVSKY, MIKHAIL A.

DOC DATE: 12/11/2003

ASSIGNOR:

FOMOVSKAIA, GALINA N.

DOC DATE: 12/11/2003

ASSIGNOR:

SMITH, MARTIN A.

DOC DATE: 12/18/2003

ASSIGNEE:

WHATMAN INC.

200 WELLS AVENUE

NEWTON, MASSACHUSETTS 02459

014829/0811 PAGE 2

SERIAL NUMBER: PATENT NUMBER:

PCT NUMBER: US0331483

TITLE:

c 🗸

FILING DATE: ISSUE DATE:

TARA WASHINGTON, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

	Attorney Ponket No.: 58142-PCT (45858)			
FORM PTO-1595 (Rev. 6-93) RE 12-31-200 RE 12-31-200	U.S. ARTMENT OF COMMERCE Patent and Trademark Office R SHEET 530146 JCORRec'd PCT/PTO 31 MAR 2005			
To the Honorable Commissioner of Patents and Trademarks: Ple	ase record the attached original documents or copy thereof.			
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):			
Mikhail A. FOMOVSKY (1); Galina N. FOMOVSKAIA (2); and Martin A. SMITH (3)	Name: Whatman Inc.			
Additional name(s) of conveying party(ies) attached?	Street Address: 200 Wells Avenue			
Yes Mo	City: Newton State: MA Zip: 02459			
	Additional name(s) & address(es) attached? Yes No			
3. Nature of Conveyance:				
✓ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other:	DEC 24 M 7:			
Execution Date: December 11, 2003 (1 & 2) & December 18, 2003 (3)	NCE 7: 51			
4. Application number(s) or patent number(s):				
If this document is being filed together with a new application, th	e execution date of the application is:			
A. PCT Application No(s): PCT/US03/31483	B. Patent No.(s)			
Additional numbers attack	ned? 🗌 Yes 🗹 No			
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: [1]			
Name: Kathryn A. Piffat, Ph.D. (Reg. No.: 34,901 Street Address: Intellectual Property Group of Edwards & Angell, LLP P.O. Box 9169				
City: <u>Boston</u> State: <u>MA</u> Zip: <u>02209</u>	7. Total fee (37 CFR 3.41):\$40.00			
(Enclosed			
2/30/2003 6TOH11 00000141 PCT/US03/31433	Authorized to be charged to deposit account			
1 FC:8021 40.00 OP	8. Deposit account number: <u>04-1105</u> (Attach duplicate copy of this page if paying by deposit account)			
DO NOT USE T	,			
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Kathryn A. Piffat, Ph.D. (Reg. No.: 34,901) December 22, 2003				
Name of Person Signing Signa Total number of p	ature UV 'Date Date ages including cover sheet, attachments, and documents: 4			
OMB No. 0651-0011 (exp. 4/94)	· · · · · · · · · · · · · · · · · · ·			
DECT AND A TO THE TOTAL TH				

Page 1 of 3

ASSIGNMENT

WHEREAS, we, Mikhail A. FOMOVSKY, of Port Washington, New York, inventor, and a citizen of the Ukraine; Galina N. FOMOVSKAIA, of Port Washington, New York, inventor, and a citizen of the Ukraine; and Martin A. SMITH, of Montclair, New Jersey, inventor, and a citizen of the United States, (hereinafter referred to as "Assignors"), have invented certain new and useful improvements in "METHODS AND MATERIALS FOR USING CHEMICAL COMPOUNDS AS A TOOL FOR USE AS A CHEMICAL TOOL OF NUCLEIC ACID STORAGE ON MEDIA OF NUCLEIC ACID PURIFICATION SYSTEMS", for which an international application for Letters Patent with the same title has been filed under PCT Serial No. PCT/US03/31483 on October 3, 2003, and

WHEREAS, Whatman, Inc., having a principal place of business at 200 Wells Avenue, Newton, Massachusetts, 02459 (hereinafter referred to as the "Assignee"), is desirous of acquiring the entire right, title and interest in and to the same invention, and in and to the said application, and any Letters Patent that may issue thereon;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, and transferred, and do hereby sell, assign and transfer to the Assignee, its successors and assigns, their entire right, title and interest for the United States in and to the said invention and in and to the said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, in whole or in part, re-examinations, and extensions thereof, and all applications claiming priority therefrom; and the Assignors hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as their interest is concerned, to the Assignee; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for which any and all of said Letters Patent for said invention may issue, to the same extent as the Assignors would hold and enjoy if this Assignment had not been made.

The Assignors also have sold, assigned, and transferred, and do hereby sell, assign and transfer to the Assignee, its successors and assigns, their entire right, title and interest in and to the invention disclosed in said application, in all countries of the world foreign to the United States, including the right to file applications and obtain patents for said invention in its own name in said countries and including all rights of priority in said countries under the terms of any applicable international convention; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for which any and all of said Letters Patent for said invention may issue, to the same extent as the Assignors would hold and enjoy if this Assignment had not been made.

The Assignors further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights, and also agree, at the request of the Assignee, to testify in any legal proceedings, sign all lawful papers, make all lawful oaths, and generally do everything possible to aid said Assignee, its successors and assigns, to obtain, maintain and enforce patent protection for said invention in all countries.

The Assignors also hereby grant the law firm of EDWARDS & ANGELL, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this documents.

IN WITNESS WHEREOF, the Assignors have caused this Assignment to be

Motory Plane - Electric County

No Commission Expires 4 2 1 6 7

,: Attorney Docket No. 58142-PCT (45858)

Page 3 of 3

IN W. executed.	ITNESS V	VHEREO	F, the Assigno	ers have d	aused this Assigr	iment to be
Dated this _	17th	_ day of	Decembe	er	, 2003.	
	۲.			Galina	a N. FOMOVSKAI	 A ,
foregoing in	strumer ed to exe	t to be a	free act and	deed and	movskaia who ac lalso represented December	
at State of D County of	Tew Y	R	ass of Mass York Molk County	g Assessiff 3 - stalf yro 19 O.O 19 O.O 19 o's sinning 19 o's sinning 10 o's sinn	(Note y Public)	R Plotogal
IN Wi executed.	TNESS V	VHEREOF	, the Assigno	rs have c	aused this Assign	ment to be
Dated this _	18	day of _	December		, 2003. 	4
foregoing in	strumen d to exe	t to be a	free act and	deed and	nith who acknowl also represented	i that he or she
	en utra i i en	e estados			(Notary Public)	.

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